



15992 U.S. PTO

17497 U.S. PTO
10/813768

PATENT APPLICATION

Mail Stop-Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed herewith for filing is the following utility patent application, which application claims the benefit of United States provisional patent application number 60/484,462, filed July 2, 2003, entitled, "Ground Detection, Correction, and Removal In Depth Images" by Chang et al., which is herein incorporated by reference.

This application is a continuation-in-part of pending United States Patent Application serial number 10/461,699, filed on 6/13/2003, entitled, "Vehicular Vision System" (Attorney Docket Number SAR14885), by Camus et al. That Patent application is hereby incorporated by reference in its entirety.

This application is a continuation-in-part of pending United States Patent Application serial number 10/766,976, filed on January 29, 2004, entitled, "Stereo-Vision Based Imminent Collision Detection" (Attorney Docket Number SAR14948), by Chang et al. That Patent application is hereby incorporated by reference in its entirety.

Applicant(s): Peng Chang, David Hirvonen, and Theodore Armand Camus

Title of application: METHOD AND APPARATUS FOR GROUND DETECTION
AND REMOVAL IN VISION SYSTEMS

Pages of
specification: 14(+ 5 pages of claims and 1 page abstract) 20 Total Pages

Sheets of drawings: 4 (Figs. 1-4)

Executed on: _____

Docket No.: SAR 14951



PATENT APPLICATION FILING FEE CALCULATION

	<u>No. Filed</u>	<u>Less</u>	<u>Rate/Claim</u>	<u>Fee</u>
Total Claims	30	-20	10 x \$ 18.00	<u>\$ 180.00</u>
Independent Claims	9	-3	6 x \$ 86.00	<u>\$ 516.00</u>
Minimum Filing Fee				<u>\$ 770.00</u>
Multiple Dependency Fee (if applicable - \$290.00)				<u>\$</u>
TOTAL FILING FEE				<u>\$1,466.00</u>

Kindly charge the entire and/or any additional filing fee, as appropriate, to deposit account number 04-0203. To facilitate that charge, a duplicate copy of this letter is enclosed herewith

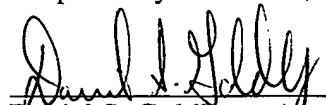
Kindly send all correspondence relating to this application to the following address having a Customer Number: 28166

Moser, Patterson & Sheridan, LLP/
Sarnoff Corporation
595 Shrewsbury Avenue, Suite 100
Shrewsbury, NJ 07702

Also enclosed herewith for filing in connection with the enclosed application are:

- ☐ Oath;
☒ Declaration and Power of Attorney;
☐ Disclosure Statement; PTO 1449;
☐ Letter referencing previously filed disclosure document; number _____ filed _____;
☒ An assignment of the application to: Sarnoff Corporation; Assignment cover sheet.
☒ Claim(s) to priority - U.S. Applications
- | <u>Serial Number</u> | <u>Filing date</u> |
|----------------------|--------------------|
| 60/484,462 | 7/02/03 |
| 10/461,699 | 6/13/03 |
| 10/766,976 | 1/29/04 |
- ☐ A certified copy of a _____ patent application or inventor's certificate, filed _____ and serial no. _____, upon which a claim to priority is made;
☒ Other: Return Postcards

Respectfully submitted,


Daniel S. Goldberg, Attorney
Reg. No. 39,689

Date: 3-29-04

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EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: ER700276968US

Date of deposit: 3/31/04

I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Rose Macauley
Signature of person mailing paper or fee

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Name of person mailing paper or fee